

PATNO IS 5642985

09/343,736
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09/343,736

LEVEL 1 - 1 PATENT

1. 5,642,985, Jul. 1, 1997, Swept turbomachinery blade, Spear, David A., Manchester, Connecticut Biederman, Bruce P., Meriden, Connecticut Orosa, John A., Palm Beach Gardens, Florida, United Technologies Corporation, Hartford, Connecticut (02)

CORE TERMS: shock, blade, airfoil, radius, endwall, tip, radially, swept, transition, sweep...

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5,642,985

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Jul. 1, 1997

Swept turbomachinery blade

REISSUE: Reissue Application filed Jun. 30, 1999 (O.G. Aug. 24, 1999) Ex. Gp.: 3745; Re. S.N. 09/343,736

CORE TERMS: shock, blade, airfoil, radius, endwall, tip, radially, swept, transition, sweep...

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SS 1 RESULT (1)

SS 2?

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-1- (LEGSTAT)

PATENT NUMBER

DOCUMENT TYPE

ACTION

US 5642985 [US5642985]

US-P

95.11.17 US/AE-A

APPLICATION DATA (PATENT)

{US 559965/95 [95US-559965] 95.11.17}

ACTION

95.11.17 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

UNITED TECHNOLOGIES CORPORATION 1 FINANCIAL PLAZA

HARTFORD, CONNECTICUT 60191 * SPEAR, DAVID A. :

19951018; BIEDERMAN, BRUCE P. : 19951109; OROSA, JOHN

A. : 19951102

ACTION

97.07.01 US/A

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SS 1 RESULT (1)

SS 2?
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-1- (PAST)
ACCESSION NUMBER
PATENT NUMBER

9934-001367
US5642985

A (UTILITY)
99.08.24
REA
REISSUE APPLICATION FILED
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File 345:Inpadoc/Fam.& Legal Stat 1999/UD=9934
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Set	Items	Description
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1/9/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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13640615
Basic Patent (No,Kind,Date): EP 774567 A1 970521 <No. of Patents: 003>

PATENT FAMILY:

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 774567 A1 970521
SWEPT TURBOMACHINERY BLADE (English; French; German)
Patent Assignee: UNITED TECHNOLOGIES CORP (US)
Author (Inventor): SPEAR DAVID A (US); BIEDERMAN BRUCE P (US); OROSA
JOHN A (US)
Priority (No,Kind,Date): US 559965 A 951117
Applic (No,Kind,Date): EP 96308303 A 961115
Designated States: (National) DE; FR; GB
IPC: * F01D-005/14; F04D-029/38
Derwent WPI Acc No: * G 97-274383; G 97-274383
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 774567	P	951117	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			US 559965 A	951117
EP 774567	P	961115	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 96308303 A	961115
EP 774567	P	970521	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			DE FR GB	
EP 774567	P	970521	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 774567	P	970903	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			970705	
EP 774567	P	981111	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			980924	

JAPAN (JP)

Patent (No,Kind,Date): JP 9184451 A2 970715
TURBO MACHINE BLADE (English)
Patent Assignee: UNITED TECHNOLOGIES CORP
Author (Inventor): DEIBITSUDO EI SUPIA; BURUUSU PII BIIDAAMAN; JIYON
EI OROOSA
Priority (No,Kind,Date): US 559965 A 951117
Applic (No,Kind,Date): JP 96301416 A 961113
IPC: * F02K-003/06; F01D-005/14
Derwent WPI Acc No: * G 97-274383
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5642985 A 970701

SWEPT TURBOMACHINERY BLADE (English)

Patent Assignee: UNITED TECHNOLOGIES CORP (US)

Author (Inventor): SPEAR DAVID A (US); BIEDERMAN BRUCE P (US); OROSA JOHN A (US)

Priority (No,Kind,Date): US 559965 A 951117

Applic (No,Kind,Date): US 559965 A 951117

National Class: * 416238000; 415181000; 416242000

IPC: * F01D-005/14

Derwent WPI Acc No: * G 97-274383

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5642985 P 951117 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))

US 559965 A 951117

US 5642985 P 951117 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST

UNITED TECHNOLOGIES CORPORATION 1 FINANCIAL
PLAZA HARTFORD, CONNECTICUT 60191 ; SPEAR,
DAVID A. : 19951018; BIEDERMAN, BRUCE P. :
19951109; OROSA, JOHN A. : 19951102

US 5642985 P 970701 US A PATENT

650799-92444